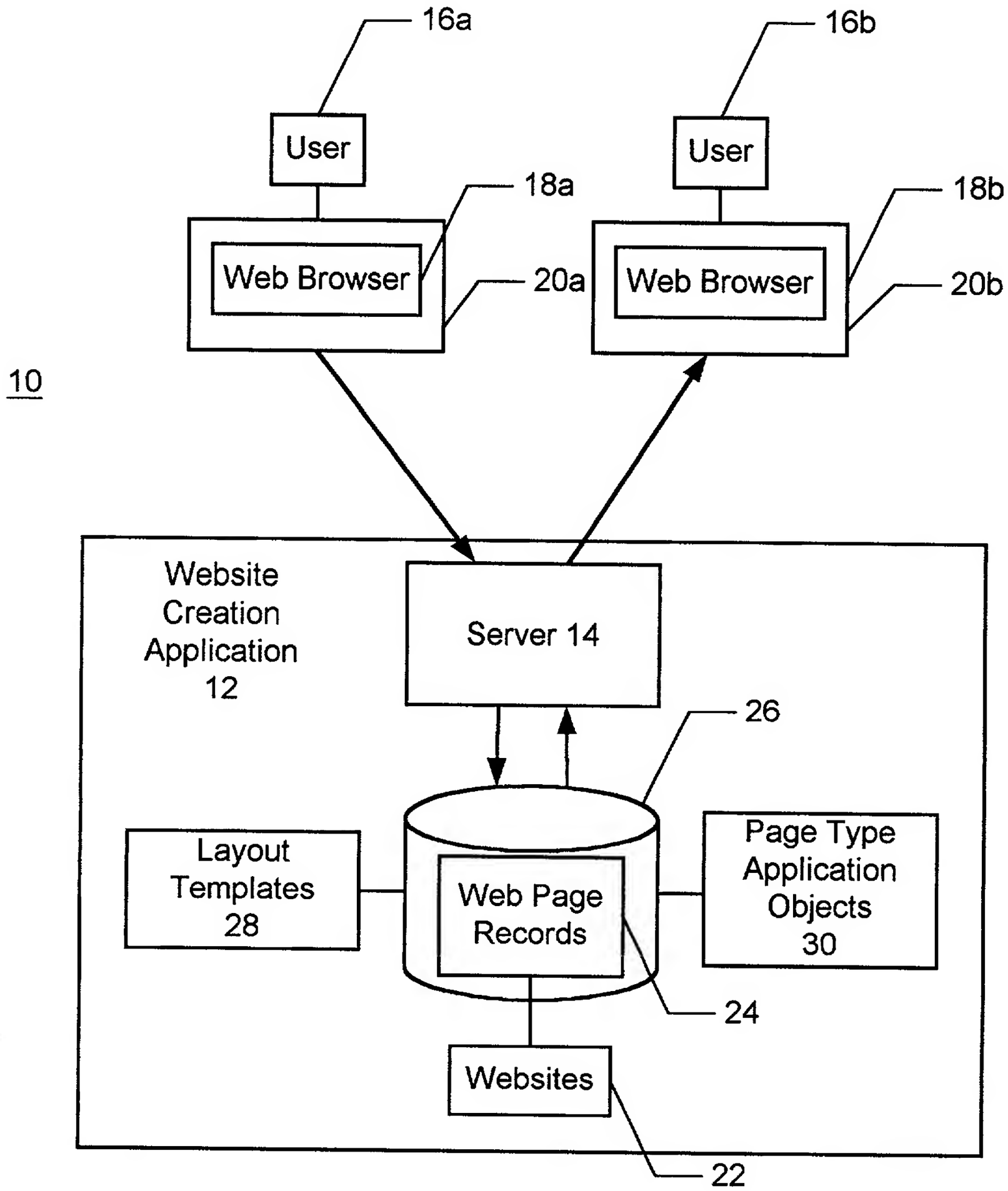

10
16a
User
18a
Web Browser
20a
16b
User
18b
Web Browser
20b
Website
Creation
Application
12
Server 14
26
Layout
Templates
28
Web Page
Records
24
Page Type
Application
Objects
30
Websites
22

FIG. 1

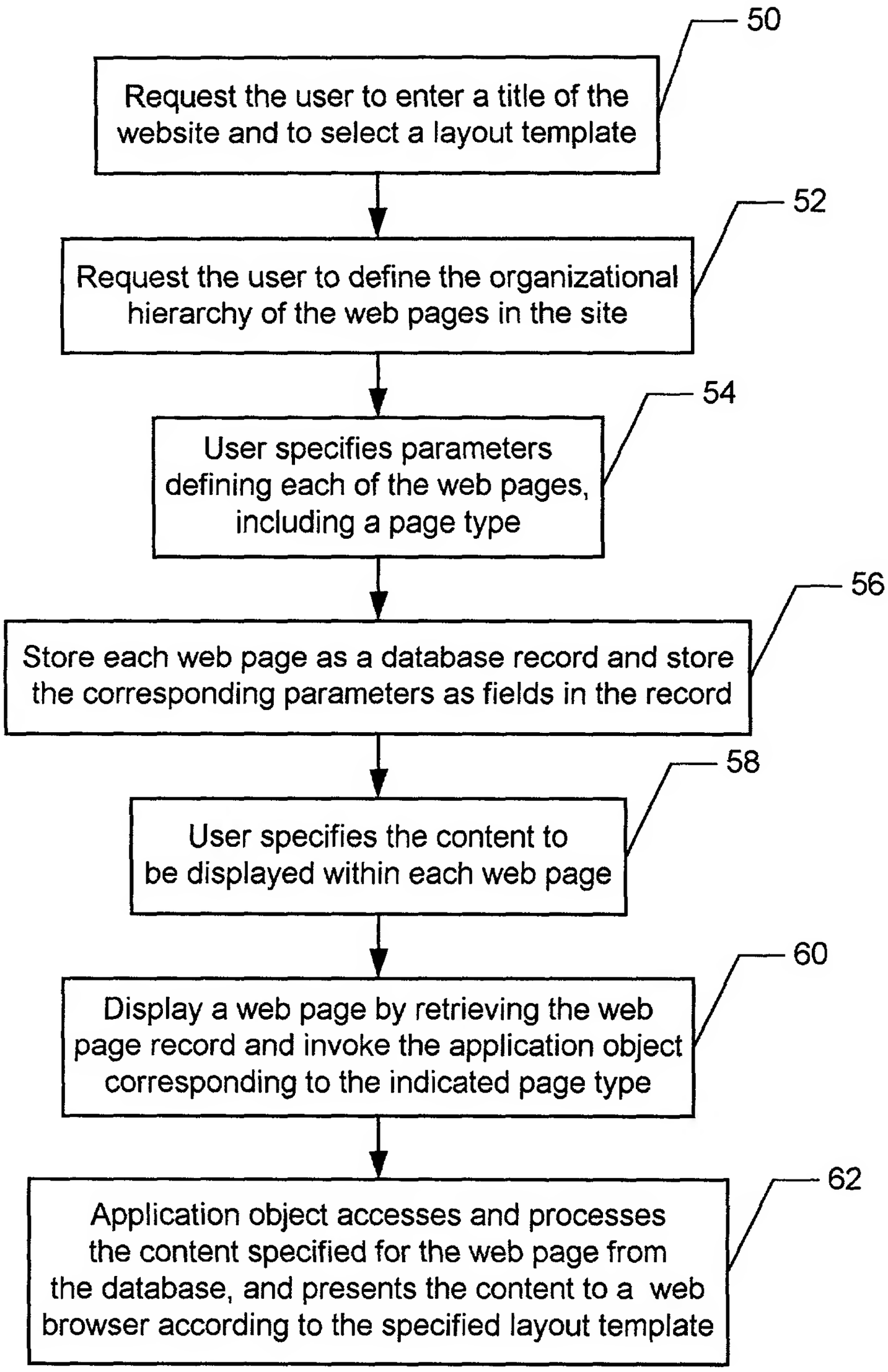

Request the user to enter a title of the website and to select a layout template
50
Request the user to define the organizational hierarchy of the web pages in the site
52
User specifies parameters defining each of the web pages, including a page type
54
Store each web page as a database record and store the corresponding parameters as fields in the record
56
User specifies the content to be displayed within each web page
58
Display a web page by retrieving the web page record and invoke the application object corresponding to the indicated page type
60
Application object accesses and processes the content specified for the web page from the database, and presents the content to a web browser according to the specified layout template
62

FIG. 2

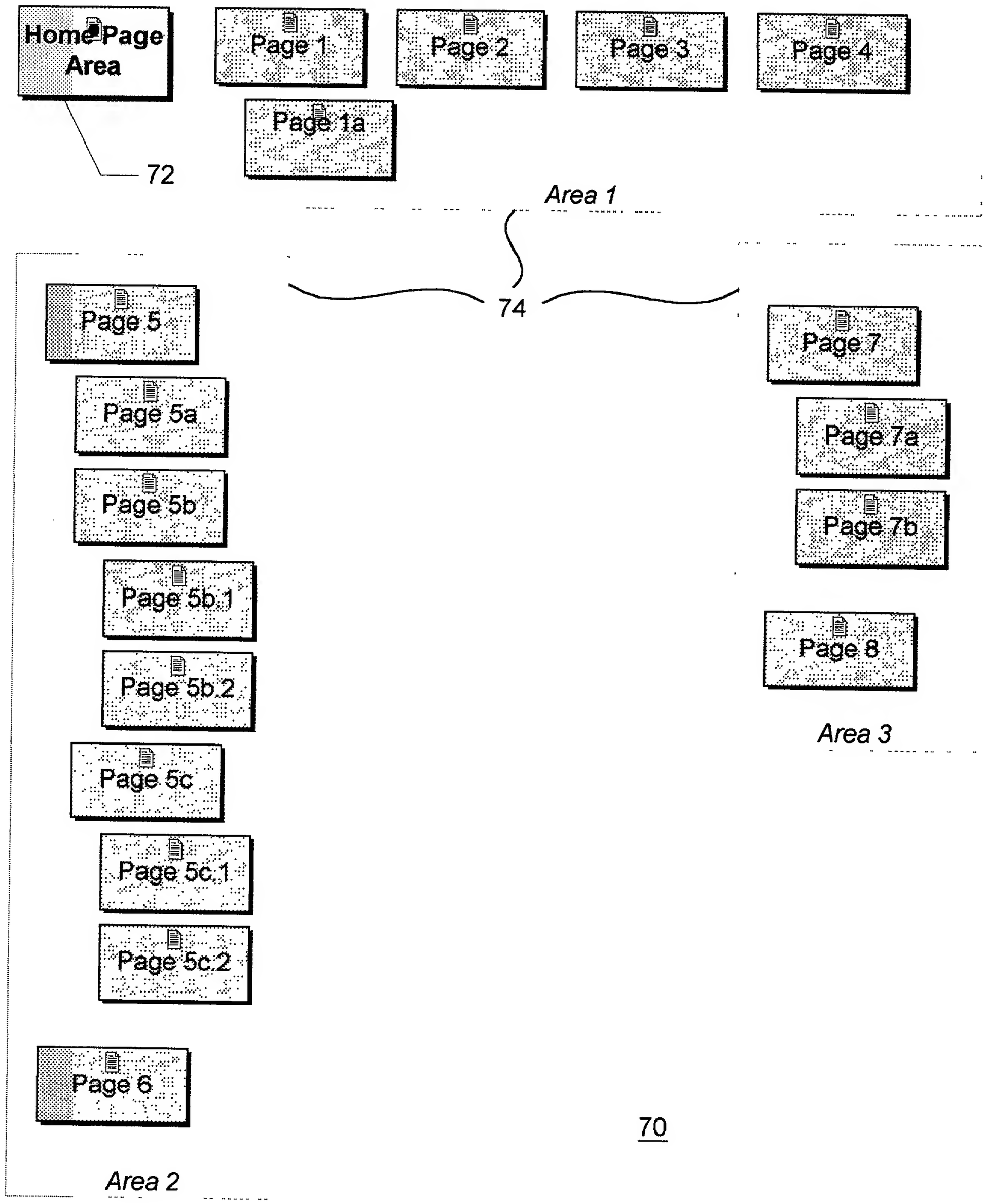

Home Page Area
Page 1
Page 2
Page 3
Page 4
Page 1a
72
Area 1
74
Page 5
Page 5a
Page 5b
Page 5b 1
Page 5b 2
Page 5c
Page 5c 1
Page 5c 2
Page 6
Area 2
Page 7
Page 7a
Page 7b
Page 8
Area 3
70

FIG. 3

152 154

Layout ID	Title	-------	-------
1	LO 1		
:	:		
N	LO N		

Layout Table 150

FIG. 4A

162 164 166 168

Pagetype ID	Title	Display	Create	-----
1	Calendar	URL	URL	
:	:	:	:	
N	Calculator	URL	URL	

Page Type Table 160

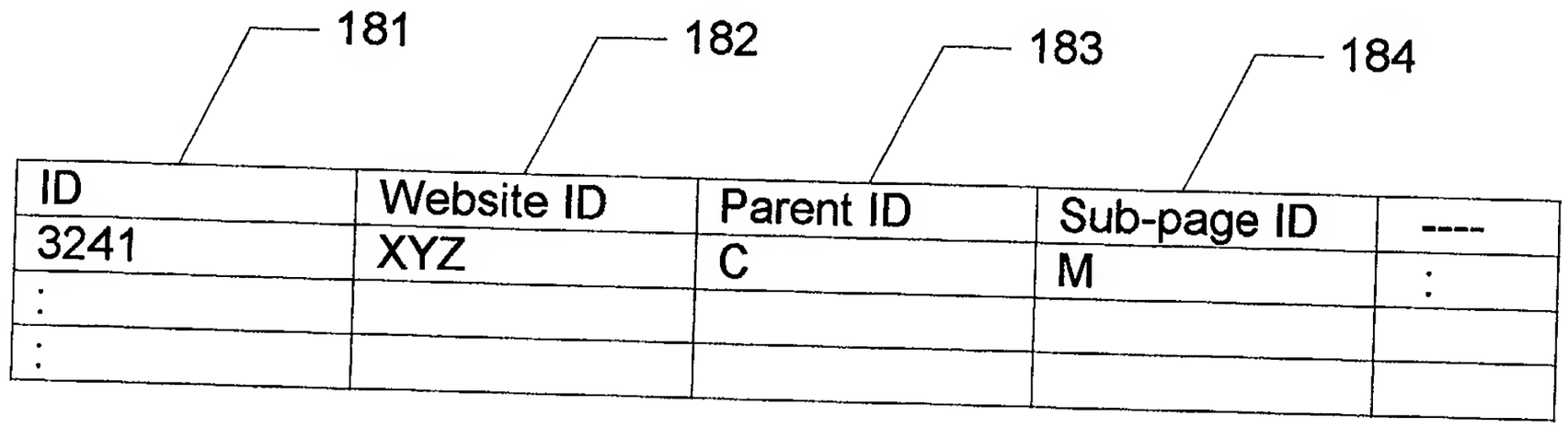
FIG. 4B

171 172 173 174 175 176 177 178

Page ID	Website ID	Title	Layout	Location	Rank	Page Type	Content ID	---- -
A	XYZ	Plan	LO1	2	3	4	23r2	
:	:	:						
:	:							

Web Page Table 170

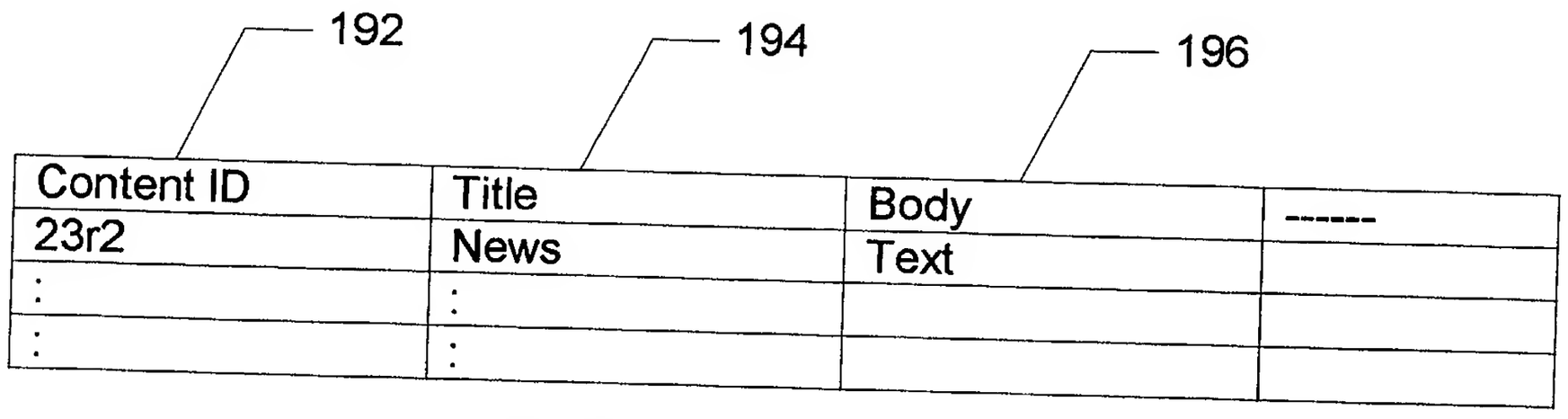
FIG. 4C



ID	Website ID	Parent ID	Sub-page ID	----
3241	XYZ	C	M	:
:				
:				

Sub-Page Table 180

FIG. 4D



Content ID	Title	Body	-----
23r2	News	Text	
:	:		
:	:		

Content Table 190

FIG. 4E

181 182 183 184

ID	Website ID	Parent ID	Sub-page ID	----
3241	XYZ	C	M	:
:				
:				

Sub-Page Table 180

FIG. 4D

192 194 196

Content ID	Title	Body	------
23r2	News	Text	
:	:		
:	:		

Content Table 190

FIG. 4E

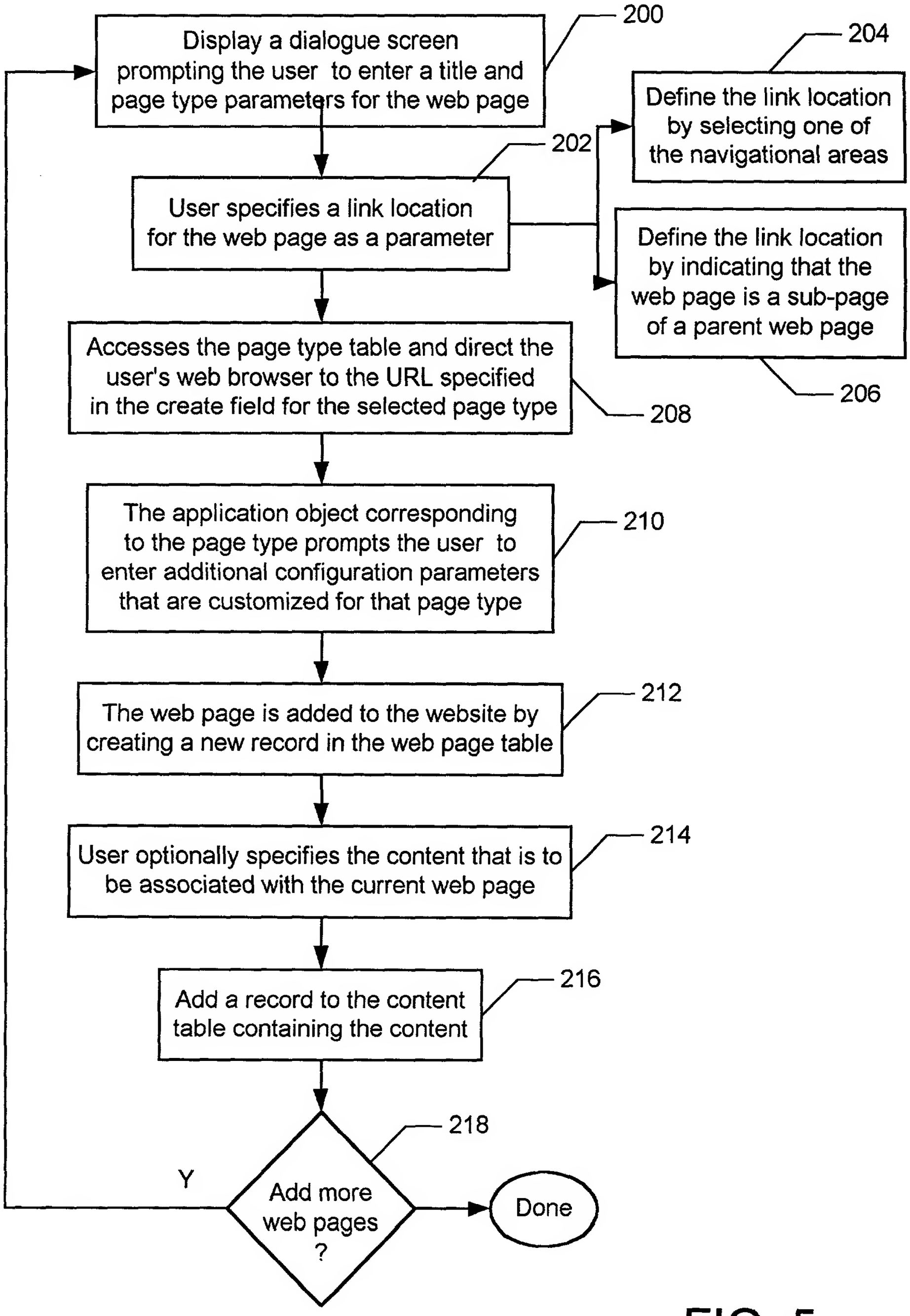

Display a dialogue screen prompting the user to enter a title and page type parameters for the web page
200
User specifies a link location for the web page as a parameter
202
Define the link location by selecting one of the navigational areas
204
Define the link location by indicating that the web page is a sub-page of a parent web page
206
Accesses the page type table and direct the user's web browser to the URL specified in the create field for the selected page type
208
The application object corresponding to the page type prompts the user to enter additional configuration parameters that are customized for that page type
210
The web page is added to the website by creating a new record in the web page table
212
User optionally specifies the content that is to be associated with the current web page
214
Add a record to the content table containing the content
216
Add more web pages ?
218
Y
Done

FIG. 5

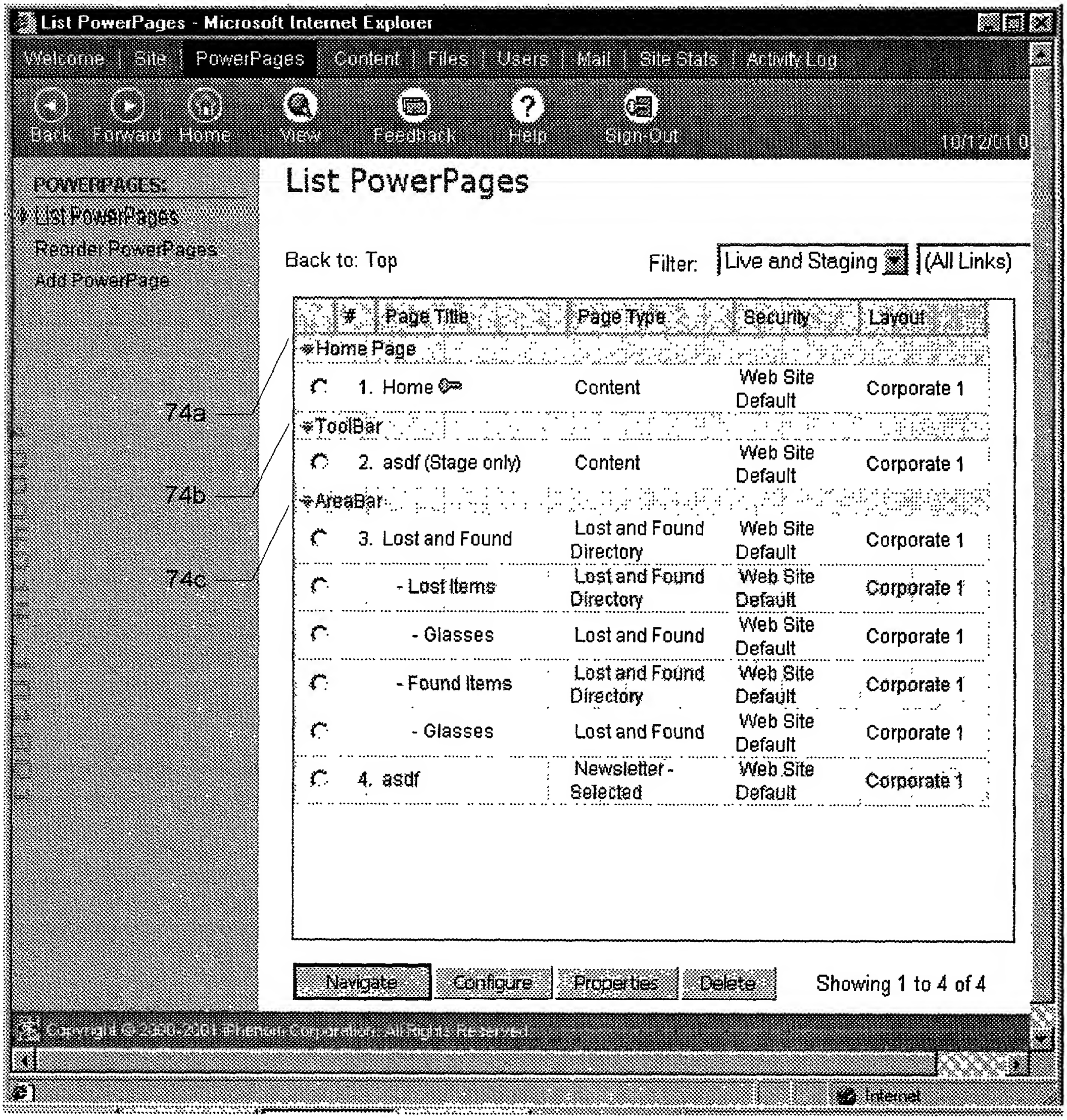

List PowerPages - Microsoft Internet Explorer
Welcome | Site | PowerPages | Content | Files | Users | Mail | Site Stats | Activity Log
Back Forward Home View Feedback Help Sign Out
10/12/01 0
POWERPAGES:
List PowerPages
Reorder PowerPages
Add PowerPage
List PowerPages
Back to: Top
Filter: Live and Staging (All Links)
74a
74b
74c
Page Title Page Type Security Layout
Home Page
1. Home Content Web Site Default Corporate 1
ToolBar
2. asdf (Stage only) Content Web Site Default Corporate 1
AreaBar
3. Lost and Found Lost and Found Directory Web Site Default Corporate 1
- Lost Items Lost and Found Directory Web Site Default Corporate 1
- Glasses Lost and Found Web Site Default Corporate 1
- Found Items Lost and Found Directory Web Site Default Corporate 1
- Glasses Lost and Found Web Site Default Corporate 1
4. asdf Newsletter - Selected Web Site Default Corporate 1
Navigate
Configure
Properties
Delete
Showing 1 to 4 of 4
Internet

FIG. 6

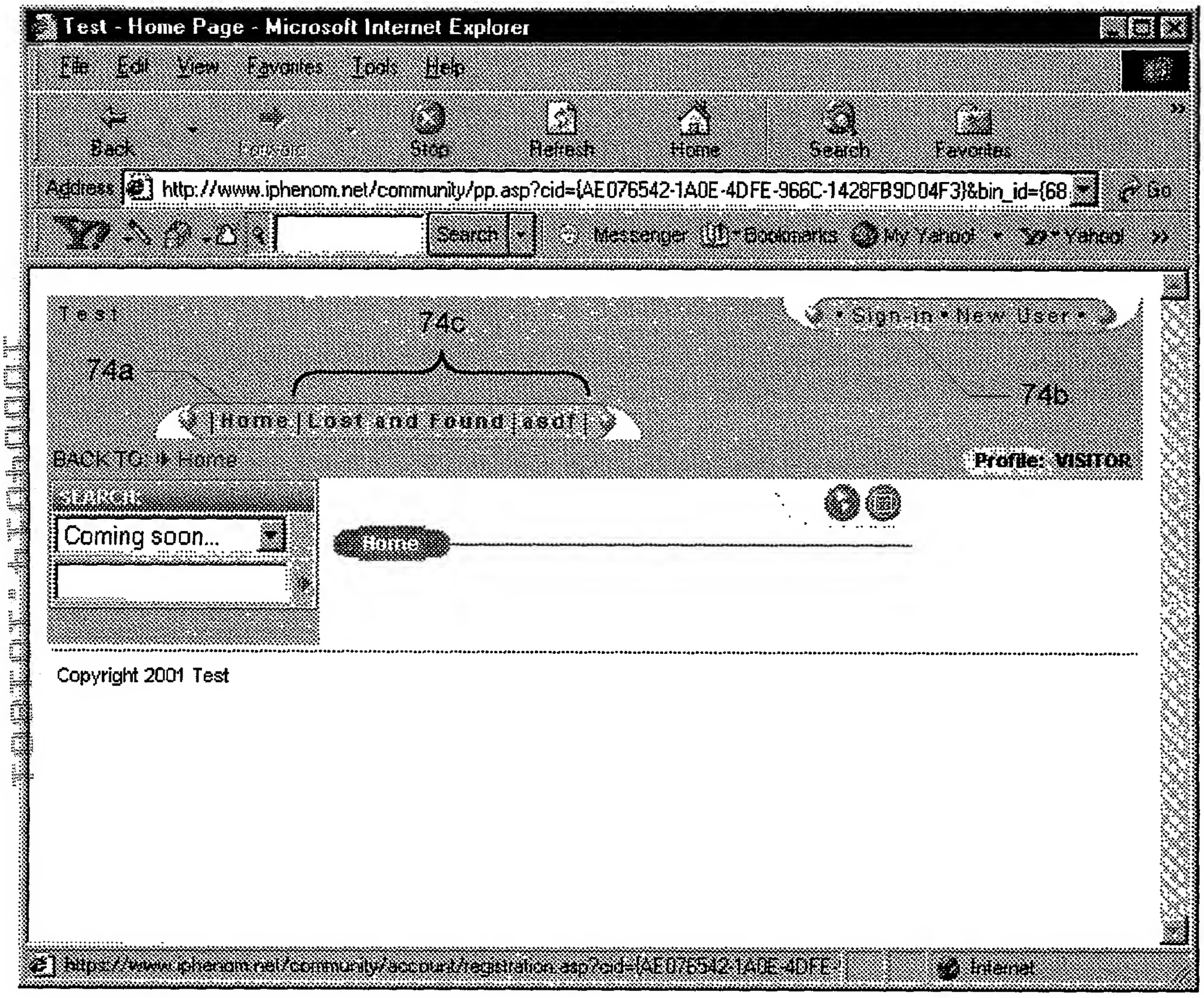

Test - Home Page - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites
Address http://www.iphenom.net/community/pp.asp?cid={AE076542-1A0E-4DFE-966C-1428FB9D04F3}&bin_id={68
Go
Search Messenger Bookmarks My Yahoo! Yahoo!
Test
74c
74a
74b
Sign-in New User
Home Lost and Found asdf
BACK TO: Home
Profile: VISITOR
Search
Coming soon...
Home
Copyright 2001 Test
https://www.iphenom.net/community/account/registration.asp?cid={AE076542-1A0E-4DFE-
Internet

FIG. 7

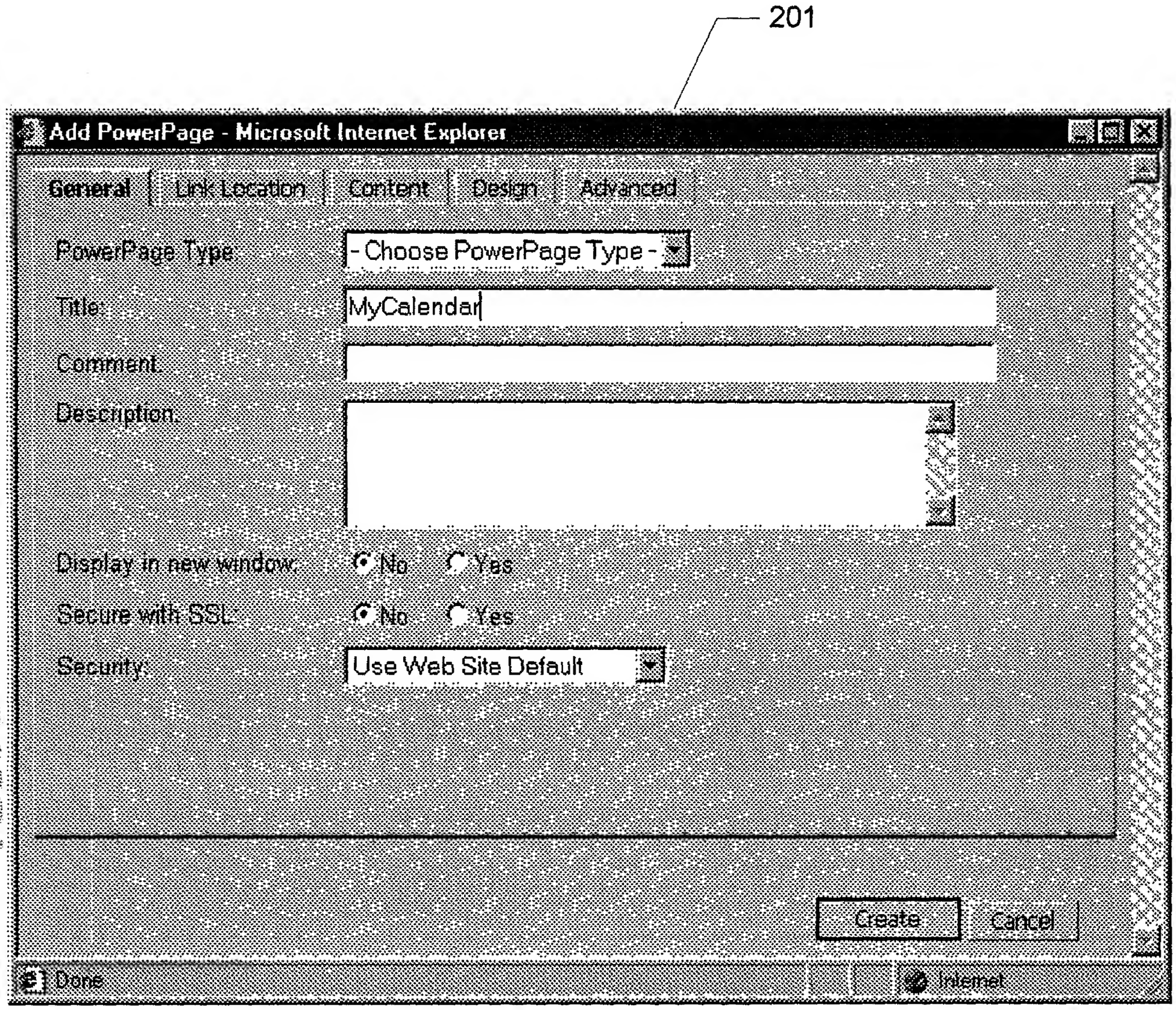

201
Add PowerPage - Microsoft Internet Explorer
General
Link Location
Content
Design
Advanced
PowerPage Type:
- Choose PowerPage Type -
Title:
MyCalendar
Comment:
Description:
Display in new window:
No
Yes
Secure with SSL:
No
Yes
Security:
Use Web Site Default
Create
Cancel
Done
Internet

FIG. 8

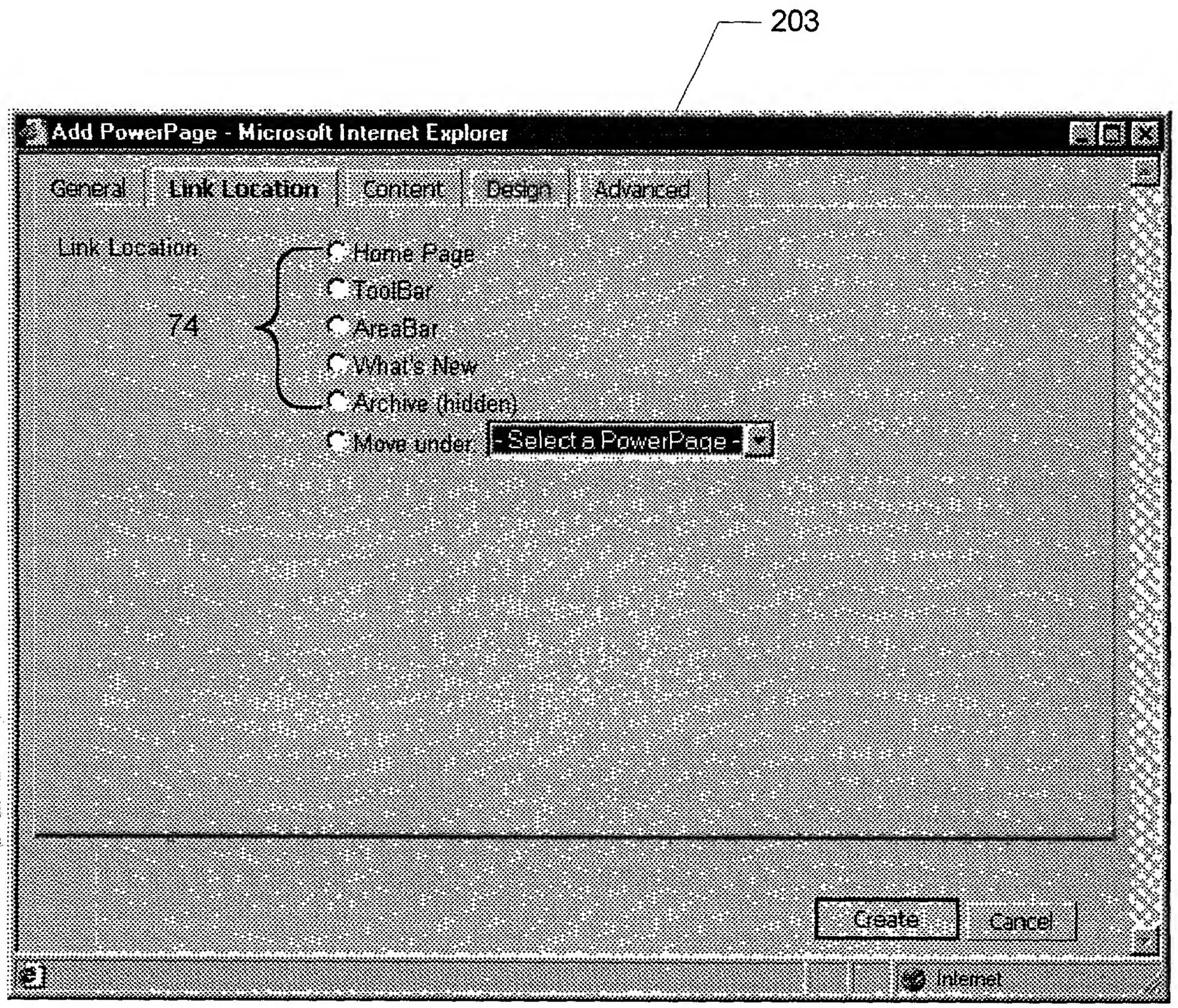

203
Add PowerPage - Microsoft Internet Explorer
General
Link Location
Content
Design
Advanced
Link Location
74
Home Page
ToolBar
AreaBar
What's New
Archive (hidden)
Move under
- Select a PowerPage -
Create
Cancel
Internet

FIG. 9

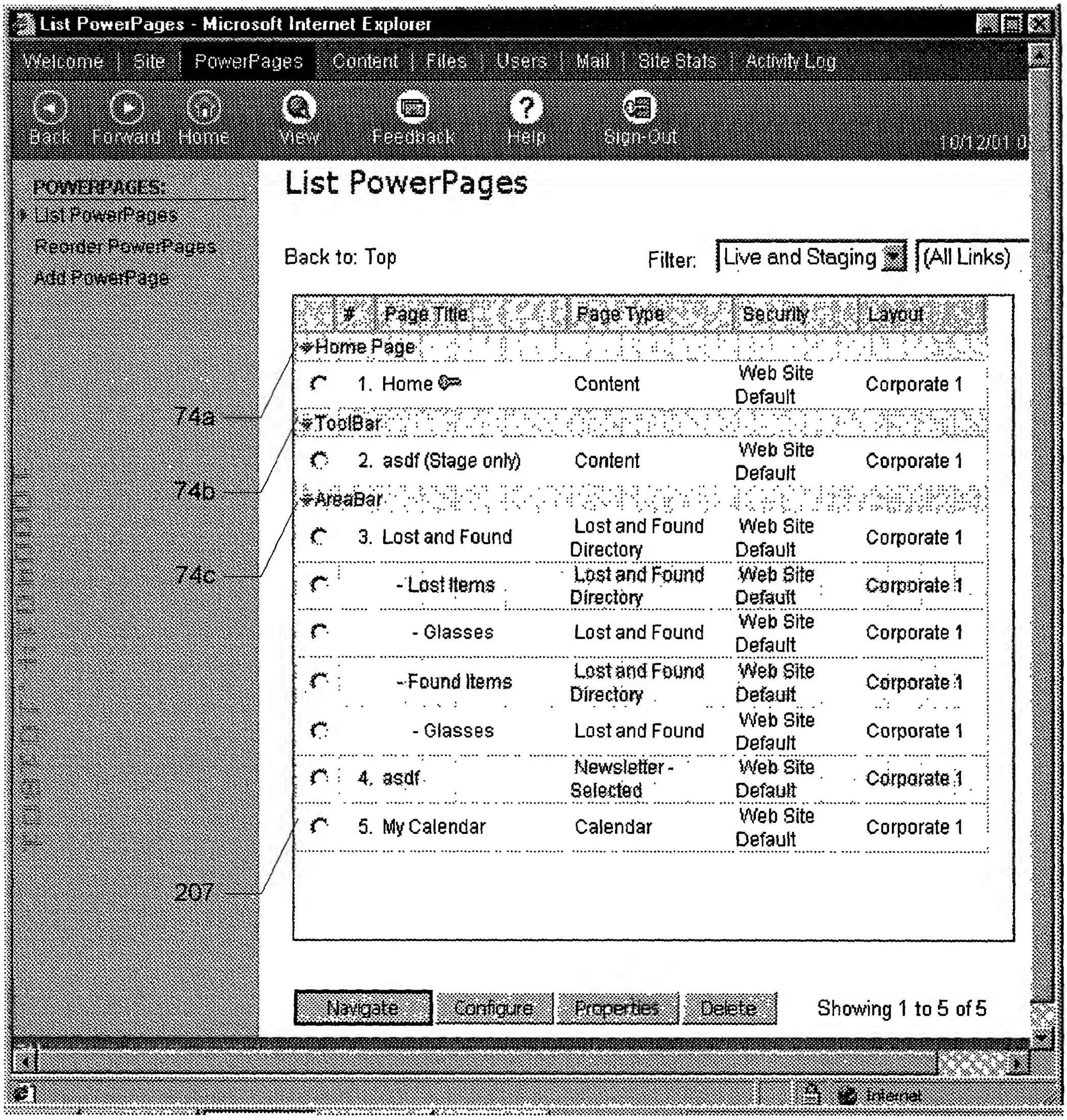

List PowerPages - Microsoft Internet Explorer
Welcome | Site | PowerPages | Content | Files | Users | Mail | Site Stats | Activity Log
Back Forward Home View Feedback Help Sign Out
10/12/01 0
POWERPAGES:
List PowerPages
Reorder PowerPages
Add PowerPage
List PowerPages
Back to: Top
Filter: Live and Staging (All Links)
Page Title Page Type Security Layout
Home Page
1. Home Content Web Site Default Corporate 1
ToolBar
2. asdf (Stage only) Content Web Site Default Corporate 1
AreaBar
3. Lost and Found Lost and Found Directory Web Site Default Corporate 1
- Lost Items Lost and Found Directory Web Site Default Corporate 1
- Glasses Lost and Found Web Site Default Corporate 1
- Found Items Lost and Found Directory Web Site Default Corporate 1
- Glasses Lost and Found Web Site Default Corporate 1
4. asdf Newsletter - Selected Web Site Default Corporate 1
5. My Calendar Calendar Web Site Default Corporate 1
74a
74b
74c
207
Navigate
Configure
Properties
Delete
Showing 1 to 5 of 5
Internet

FIG. 10

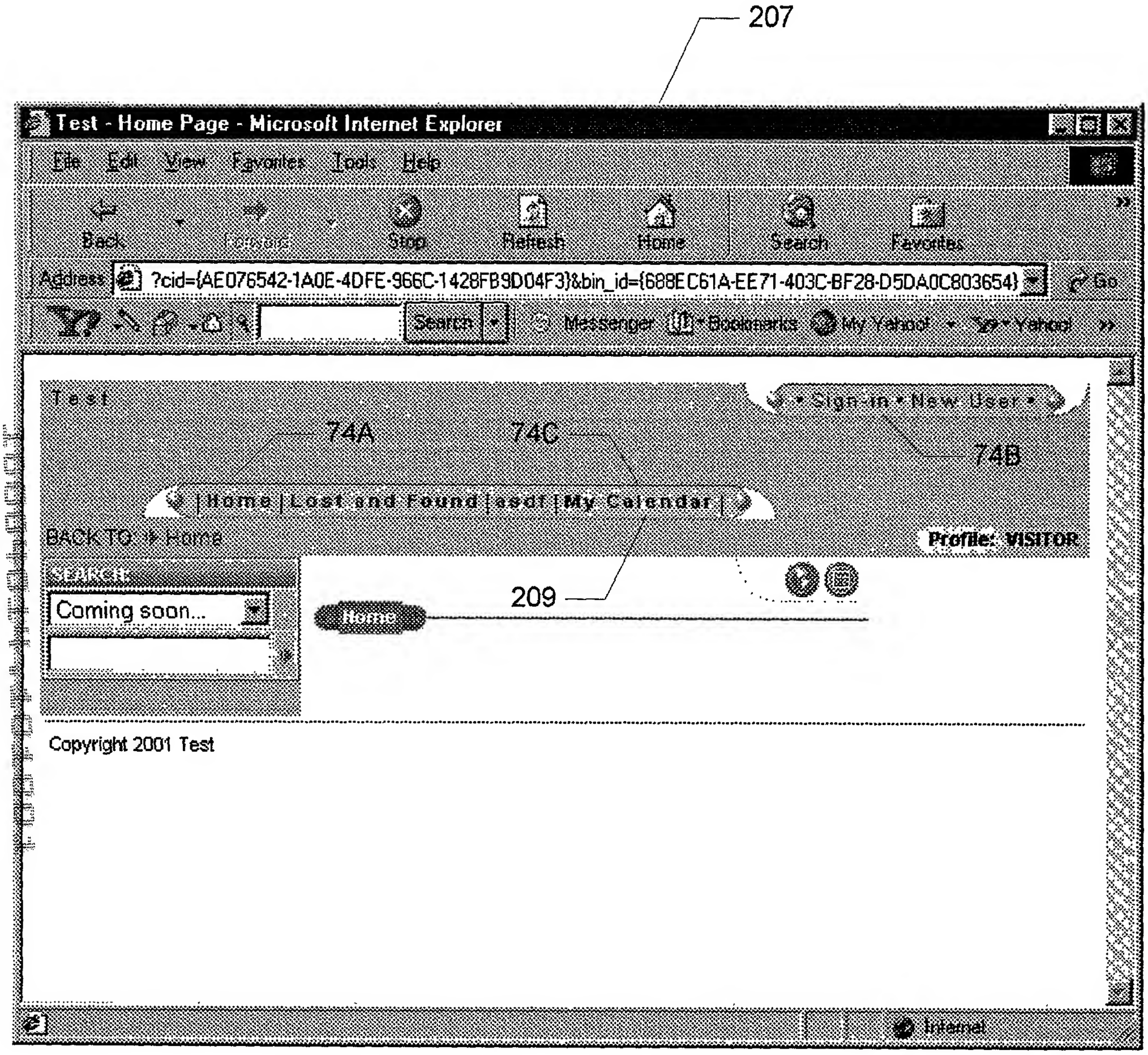

207
Test - Home Page - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites
Address ?cid={AE076542-1A0E-4DFE-966C-1428FB9D04F3}&bin_id={688EC61A-EE71-403C-BF28-D5DA0C803654}
Go
Search Messenger Bookmarks My Yahoo! Yahoo!
Test
Sign-in New User
74A
74C
74B
Home Lost and Found asdf My Calendar
BACK TO Home
Profile: VISITOR
Coming soon...
209
Home
Copyright 2001 Test
Internet

FIG. 11

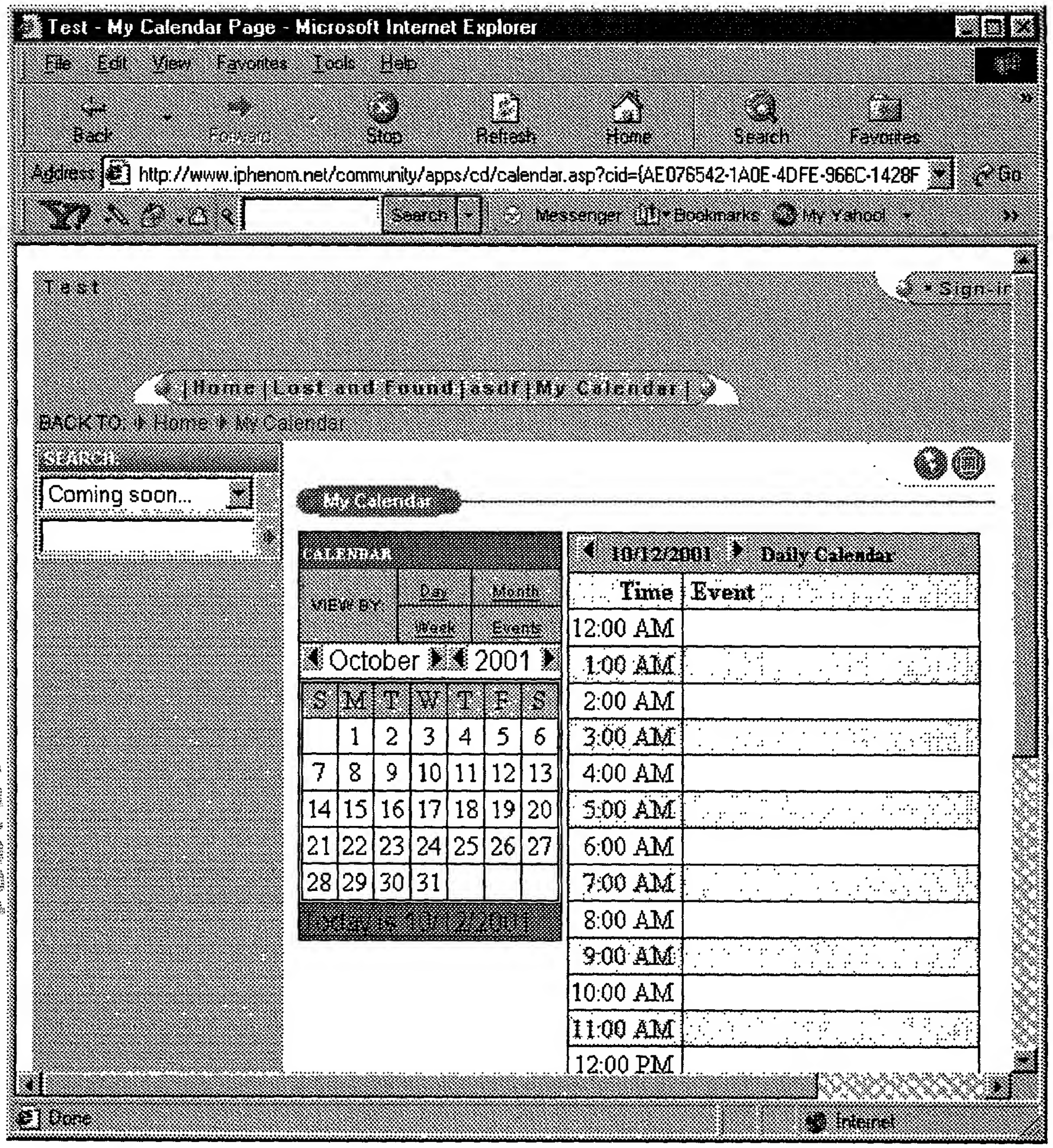

Test - My Calendar Page - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites
Address http://www.iphenom.net/community/apps/cd/calendar.asp?cid={AE076542-1A0E-4DFE-966C-1428F
Go
Search Messenger Bookmarks My Yahoo!
Test
Sign-in
| Home | Lost and Found | asdf | My Calendar |
BACK TO: Home My Calendar
SEARCH
Coming soon...
My Calendar
CALENDAR
VIEW BY
Day
Month
Week
Events
October 2001
S M T W T F S
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31
10/12/2001 Daily Calendar
Time
Event
12:00 AM
1:00 AM
2:00 AM
3:00 AM
4:00 AM
5:00 AM
6:00 AM
7:00 AM
8:00 AM
9:00 AM
10:00 AM
11:00 AM
12:00 PM
Done
Internet

FIG. 12

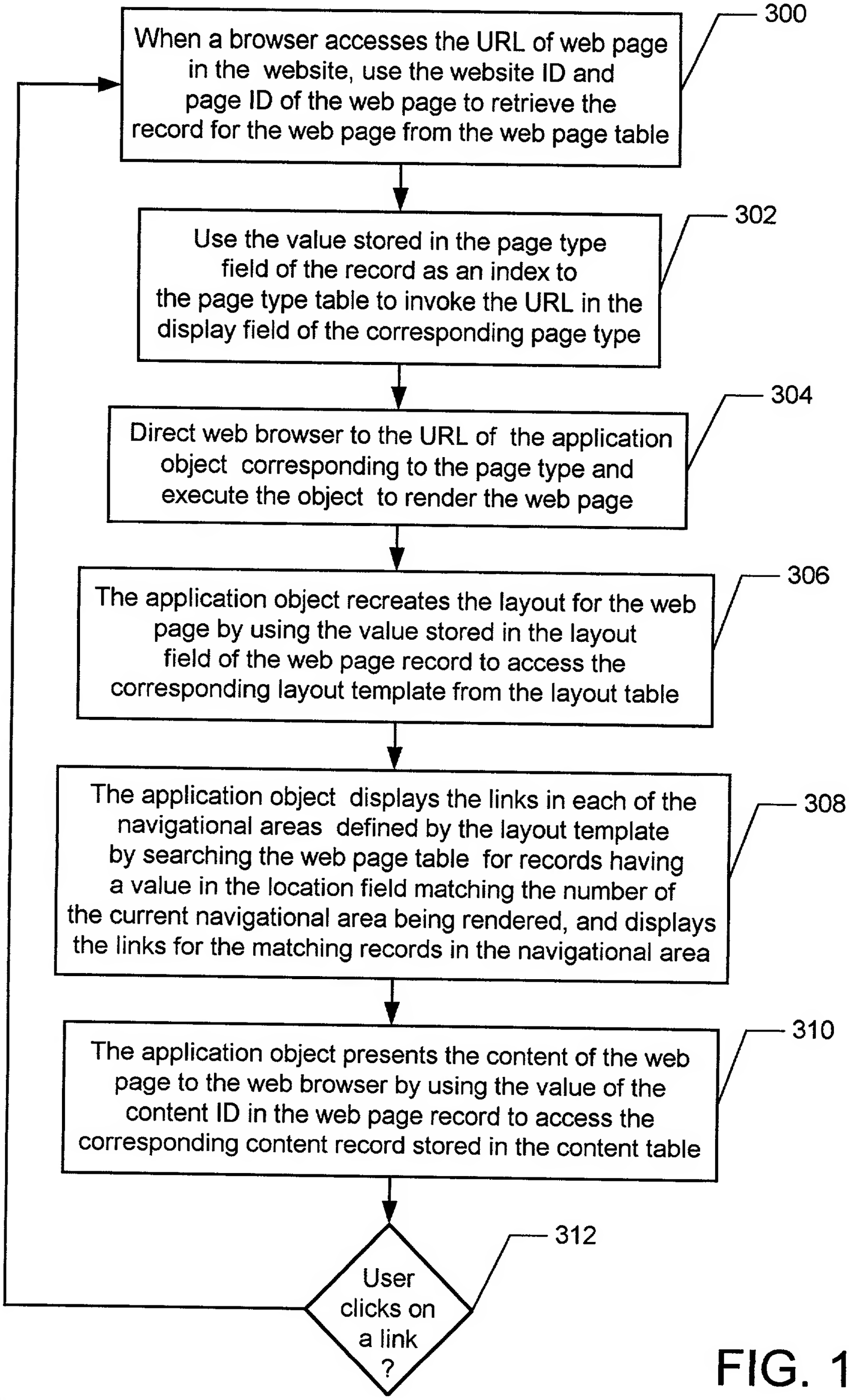

When a browser accesses the URL of web page in the website, use the website ID and page ID of the web page to retrieve the record for the web page from the web page table
300
Use the value stored in the page type field of the record as an index to the page type table to invoke the URL in the display field of the corresponding page type
302
Direct web browser to the URL of the application object corresponding to the page type and execute the object to render the web page
304
The application object recreates the layout for the web page by using the value stored in the layout field of the web page record to access the corresponding layout template from the layout table
306
The application object displays the links in each of the navigational areas defined by the layout template by searching the web page table for records having a value in the location field matching the number of the current navigational area being rendered, and displays the links for the matching records in the navigational area
308
The application object presents the content of the web page to the web browser by using the value of the content ID in the web page record to access the corresponding content record stored in the content table
310
User clicks on a link ?
312

FIG. 13